

Converting Colors

Hex(00F765)

Have a look what the booklet for
Hex(00F765) contains.

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Color

Hex(00F765)

Conversions

Conversions Part 1

Format	Color
Hex	00F765
RGB	0, 247, 101
RGB Percent	0%, 97%, 40%
CMY	1.0000, 0.0314, 0.6039
CMYK	1.00, 0.00, 0.59, 0.03
HSL	145°, 100%, 48%
HSV	145°, 100%, 97%
XYZ	35.6097, 67.4611, 23.4564
YIQ	156.5030, -100.3460, -97.7700

Conversions

Conversions Part 2

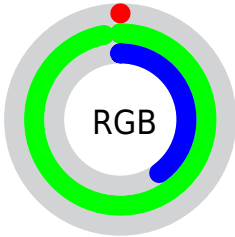
Format	Color
RYB	0, 175, 247
Decimal	63333
CIELab	85.74, -78.07, 55.51
CIELCh	86, 95.792, 144.583
Yxy	67.4611, 0.2814, 0.5332
Android (android.graphics.Color)	4278253413 (0xFF00F765)
YUV	156.5030, -27.3630, -137.2531
Hunter-Lab	82.1347, -66.3466, 40.5620

Details

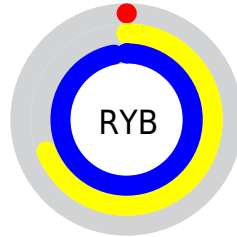
The Hex color **00F765** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark saturated spring green. A complement of this color would be **F70092**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **72FF9C**, and **00BD2E** is the 20% darker color. If you saturate the color by 10%, you get **00F765**, and if you desaturate by 10%, it is **19F774**.

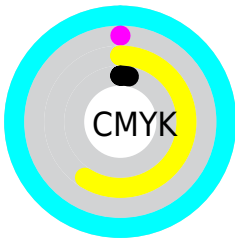
Distribution



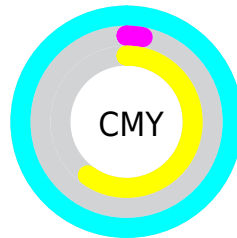
- Red (0%)
- Green (97%)
- Blue (40%)



- Red (0%)
- Yellow (69%)
- Blue (97%)



- Cyan (100%)
- Magenta (0%)
- Yellow (59%)
- Black (3%)



- Cyan (100%)
- Magenta (3%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00F765 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 00F765 by changing the saturation by 10% instead.

 00F765

FFFFFF


 72FF9C

 95FFB8

 B6FFD4

 D6FFF2

 F6FFFF

 00F765

 00DA4A

 00BD2E

 00A108

 008500

 006A00

 005000

 003700

 001C00

 000000

 00F765

 19F774

 31F782

 4AF791

 63F79F

 7CF7AE

 94F7BD

 ADF7CB

 C6F7DA

 DEF7E8

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



B8E700



00F765



00FEC2

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



00F765



00E6FF



FF7E91

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



00F765



F70092

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF76EB



00F765



B0C5FF

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



00F765



00F9FF



FF99FF



FFA63D

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



00F765



00FFFF



FF99FF



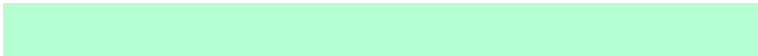
FF76AE

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



00F765



B3FFD2



94F700



528064



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



00F765



00FF68



00F7DE



6E7A73



00BA4C



003B18

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



F70092



FF0097



F70019



7A6E75



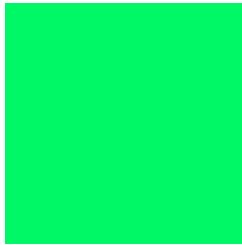
BA006E



3B0023

Previews

White Background



This preview shows how the Hex color 00F765 looks on a white background.

Color Contrast Check

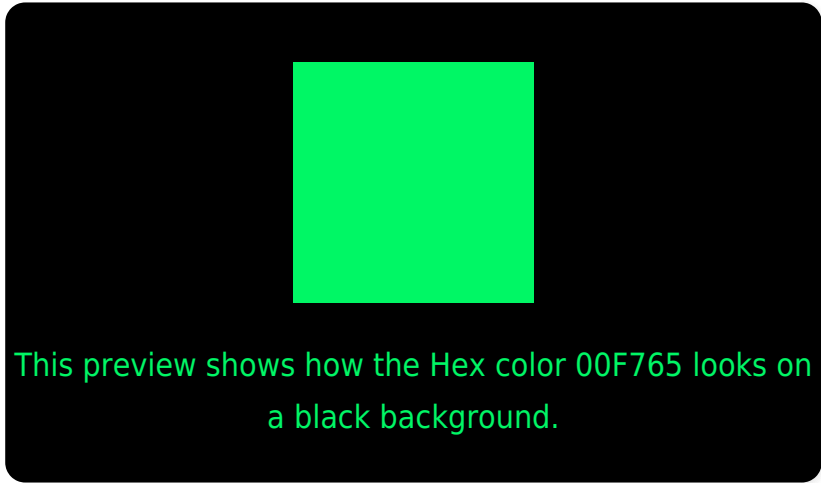
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 00F765 Background



This preview shows how black text looks on a background with the Hex color 00F765.

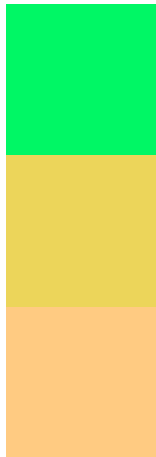


This preview shows how white text looks on a background with the Hex color 00F765.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

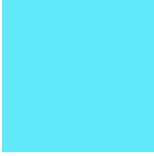
Dichromacy



Original Color
00F765

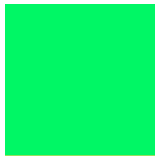
Protanopia
ECD55A

Deuteranopia
FFCB82



Tritanopia
62E8FB

Trichromacy



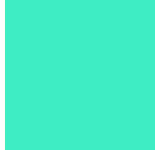
Original Color
00F765



Protanomaly
96E15E



Deuteranomaly
A2DB77



Tritanomaly
3EEDC4

Monochromacy



Original Color
00F765



Achromatopsia
9D9D9D



Achromatomaly
64BE89

CSS Examples

Text

The CSS property to change the color of the text to Hex 00F765 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #00F765 looks like.

```
.text, #text, p{  
    color:#00F765  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #00F765 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00F765
}
```

Border

The CSS property to change the border of an element to Hex 00F765 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#00F765 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#00F765 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #00F765 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00F765; -webkit-box-shadow:4px 4px  
4px 4px #00F765; box-shadow:4px 4px 4px  
4px #00F765 }
```

Background

The CSS property to change the background color of an element to Hex 00F765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00F765 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#00F765 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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